

Converting Colors

XYZ(48.5736, 31.7359, 15.1139)

Have a look what the booklet for
XYZ(48.5736, 31.7359, 15.1139)
contains.

XYZ(48.0983, 31.4492, 15.0905)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.0983, 31.4492,
15.0905)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6562
RGB	255, 101, 98
RGB Percent	100%, 40%, 38%
CMY	0.0000, 0.6039, 0.6157
CMYK	0.00, 0.60, 0.62, 0.00
HSL	1°, 100%, 69%
HSV	1°, 62%, 100%
XYZ	48.0983, 31.4492, 15.0905
YIQ	146.7040, 92.7470, 31.7150

Conversions

Conversions Part 2

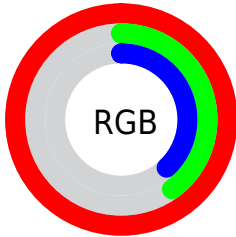
Format	Color
R _Y B	255, 101, 98
Decimal	16737634
CIE Lab	62.89, 58.42, 32.51
CIE LCh	63, 66.857, 29.093
Yxy	31.4492, 0.5082, 0.3323
Android (android.graphics.Color)	4294927714 (0xFFFF6562)
YUV	146.7040, -24.0111, 94.9756
Hunter-Lab	56.0796, 54.9565, 23.3013

Details

The XYZ color **48.0983, 31.4492, 15.0905** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.8945, 79.4317, 106.8878**, and the grayscale version is **27.6814, 29.1230, 31.7149**.

A 20% lighter version of the original color is **58.7218, 47.5439, 34.5157**, and **23.1637, 13.1014, 4.4399** is the 20% darker color. If you saturate the color by 10%, you get **45.0102, 26.9030, 9.0374**, and if you desaturate by 10%, it is **52.3099, 37.6296, 23.4099**.

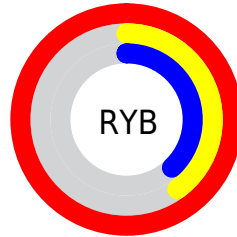
Distribution



Red (100%)

Green (40%)

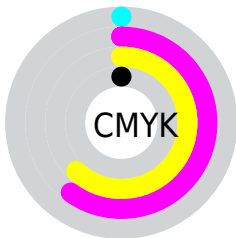
Blue (38%)



Red (100%)

Yellow (40%)

Blue (38%)

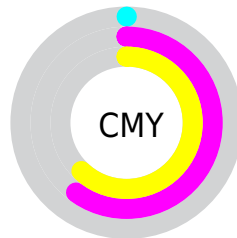


Cyan (0%)

Magenta (60%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0983, 31.4492, 15.0905 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 48.0983, 31.4492, 15.0905 by changing the saturation by 10% instead.


 48.0983, 31.4492,
15.0905


 48.0983, 31.4492,
15.0905

369.7577,
308.6025, 235.5730

 34.1163, 20.9411,
8.7356


 86.5596, 61.9466,
35.7564


 23.1463, 13.0810,
4.4747


 111.7695, 82.7047,
50.9045

 14.8228, 7.4843,
1.8892


 141.4529,
107.6484, 69.8207

 8.7807, 3.7668,
0.4858

 175.9750,
137.1618, 92.9237

 4.6543, 1.5440,
0.0000

215.7011,
171.6296, 120.6318

 2.0786, 0.3194,
0.0000

260.9968,

 0.6775, 0.0000,

211.4360, 153.3637

0.0000

312.2272,
256.9655, 191.5379

■ 0.0000, 0.0000,
0.0000

■ 48.0983, 31.4492,
15.0905

■ 48.0983, 31.4492,
15.0905

■ 45.0102, 26.9030,
9.0374

■ 52.3099, 37.6296,
23.4099

■ 42.9362, 23.8317,
5.0264

■ 57.7364, 45.5734,
34.1876

■ 41.7487, 22.0536,
2.7904

■ 64.4625, 55.4031,
47.5971

■ 41.2928, 21.3660,
1.9477

■ 72.5646, 67.2288,
63.7959

■ 82.1131, 81.1520,
82.9288

93.1738, 97.2675,
105.1309

95.0498, 99.9999,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.2150, 31.4492, 35.0487



48.0983, 31.4492, 15.0905



39.8939, 31.4492, 6.6204

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.0983, 31.4492, 15.0905



17.1717, 31.4492, 14.3026



29.6132, 31.4492, 113.6172

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.0983, 31.4492, 15.0905



57.8945, 79.4317, 106.8878

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.7186, 31.4492, 98.4130



48.0983, 31.4492, 15.0905



15.5003, 31.4492, 33.4494

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.0983, 31.4492, 15.0905



22.1117, 31.4492, 6.3566



16.9795, 31.4492, 65.1322



39.3106, 31.4492, 100.0382

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.0983, 31.4492, 15.0905



33.3536, 31.4492, 4.7406



16.9795, 31.4492, 65.1322



26.6777, 31.4492, 111.6137

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.0990, 31.4510, 15.0910



75.8026, 71.9515, 70.2793



63.2390, 37.0480, 96.2318



15.6567, 14.5720, 13.9050



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.0990, 31.4510, 15.0910



44.4172, 26.0267, 7.8834



59.5880, 54.4288, 18.9207



18.0373, 18.0427, 18.6763



21.5886, 11.1884, 1.0217



2.1114, 1.1081, 0.1026

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.8945, 79.4317, 106.8878



54.9342, 77.6231, 106.6952



38.2006, 40.0438, 100.3231



18.5233, 20.4182, 23.2148



27.3262, 39.5620, 55.6306



2.6698, 3.8703, 5.4196

Previews

White Background



This preview shows how the XYZ color 48.0983, 31.4492, 15.0905 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 48.0983, 31.4492, 15.0905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0983, 31.4492, 15.0905

Background



This preview shows how black text looks on a background with the XYZ color 48.0983, 31.4492, 15.0905.



This preview shows how white text looks on a background with the XYZ color 48.0983, 31.4492,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.0983, 31.4492, 15.0905

Protanopia

29.4583, 31.4698, 21.9744

Deuteranopia

32.1319, 31.6102, 14.0807



Tritanopia

48.3987, 31.4150, 17.1485

Trichromacy



Original Color

48.0983, 31.4492, 15.0905

Protanomaly

34.0217, 29.6585, 18.9705

Deuteranomaly

36.5368, 30.4572, 14.3091

Tritanomaly

48.2454, 31.3536, 16.3410

Monochromacy



Original Color

48.0983, 31.4492, 15.0905

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

32.1948, 27.9893, 24.4745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0983, 31.4492, 15.0905 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 101, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 98)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 101, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 98) }
```

Border

The CSS property to change the border of an element to XYZ 48.0983, 31.4492, 15.0905 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 101, 98) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 101, 98) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 101, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0983, 31.4492, 15.0905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 101, 98) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
101, 98) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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